# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 17 Jan 2023 until 23:59 on Wednesday 18 Jan 2023

Forecast Issued on Tuesday 17 Jan 2023 at 03:06

**Confidence:** High for staying cold for several days, medium for any snow showers and lower for the timing of a change to milder conditions and rain at the end of the week or the weekend.

**Headline for Tuesday 17 Jan 2023:** Mainly dry with some sunny spells, chance of a few snow showers late afternoon and evening. Very cold northwesterly winds on the tops.

**Mountain weather hazards on Tuesday 17 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Clear night | Sunny intervals | Sunny intervals | Sunny intervals | Light snow showers (night) | Heavy snow showers (night) |
| Precipitation probability | | | | | |
| 10% | 10% | 10% | 20% | 30% | 40% |

**Forecast for Tuesday 17 Jan 2023**

**Weather:** Generally a dry day, cloudier in the west with clear or sunny spells mainly across the east of the park. Snow showers likely to be never too far away from western hills, with a greater chance for some of those showers to affect the west of the park during the late afternoon and evening, with one or two heavier showers possible.

**Chance of cloud-free hill tops above 600m:** 70% across eastern hills, 40% in the west. Falling to 30% by evening.

**Low Cloud and visibility:** Broken low cloud across the west of the park for much of the day, down to 500m, giving moderate visibilities, although occasional breaks will see improvements. Better conditions across eastern parts, with cloud likely above summits. As risk of snow showers increases during the late afternoon/evening, cloud becoming more widespread with risk of visibilities falling to poor or very poor in snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Tuesday 17 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/9 SW | 8/12 SW | 11/15 W | 13/18 W | 13/19 W | 16/22 W | 15/22 W |
| **300** | 2/10 NW | 2/11 W | 7/15 W | 8/18 W | 8/20 W | 10/21 W | 9/21 W |
| **Valley** | 1/5 N | 1/3 NW | 2/7 W | 5/12 W | 3/11 W | 4/13 W | 4/13 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -5/-9 | -5/-10 | -4/-10 | -3/-9 | -4/-10 | -3/-10 | -3/-10 |
| **300** | -5/-7 | -4/-6 | -1/-4 | -0/-4 | -2/-6 | -1/-6 | -1/-6 |
| **Valley** | -4/-6 | -4/-6 | 0/-2 | 1/-1 | -2/-4 | -0/-3 | -0/-3 |
| **Freezing Level*** | 00m | 00m | 00m | 100m | 00m | 100m | 100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Note the very low feels like temperatures despite relatively gentle winds, with severe wind chill.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Tue 17 Jan 2023 | 0.4mm | 7.6mm | 19.2mm |

**Forecast for Wednesday 18 Jan 2023**

**Weather:** Mostly fine and dry with sunny spells through the morning. Cloudier for a time during the afternoon, with an isolated light snow shower possible, but more than likely remaining dry.

**Maximum wind:** Northwesterly 25mph gusts 35mph with a severe wind chill.

**Chance of cloud-free hill tops above 600m:** 20% early hours rising 80% or more after daybreak.

**Low Cloud and visibility:** Occasionally seeing cloud down to 500m through the early hours, and in any showers during the afternoon. Otherwise visibility will be very good with cloud generally above the summits, and only falling to poor in any snow showers later on.

**Temperature:** **Valleys:** Minus 4 Celsius rising to Plus 2 Celsius
**At 600m:** Minus 5 Celsius
**Freezing level:** Valley floors rising to 200m the afternoon.

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